Iver Brevik

List of Publications by Year
in descending order

235 papers	5,723 citations	101384 36 h-index	114278 63 g-index
237 all docs	237 docs citations	237 times ranked	1646 citing authors

#	Article	IF	Citations
1	Premelting and formation of ice due to Casimir-Lifshitz interactions: Impact of improved parameterization for materials. Physical Review B, 2022, 105, .	1.1	6
2	A critical discussion of different methods and models in Casimir effect. Journal of Physics Communications, 2022, 6, 015005.	0.5	4
3	Unveiling bulk and surface radiation forces in a dielectric liquid. Light: Science and Applications, 2022, 11, 103.	7.7	17
4	Fluctuational electrodynamics in and out of equilibrium. International Journal of Modern Physics A, 2022, 37, .	0.5	4
5	The Study of Plasticized Sodium Ion Conducting Polymer Blend Electrolyte Membranes Based on Chitosan/Dextran Biopolymers: Ion Transport, Structural, Morphological and Potential Stability. Polymers, 2021, 13, 383.	2.0	36
6	Fabrication of Co3O4 from Cobalt/2,6-Napthalenedicarboxylic Acid Metal-Organic Framework as Electrode for Supercapacitor Application. Materials, 2021, 14, 573.	1.3	15
7	Remarks on the Abrahamâ€“Minkowski problem, from the formal and from the experimental side. International Journal of Modern Physics A, 2021, 36, 2150063.	0.5	1
8	Synthesis of PVA/CeO2 Based Nanocomposites with Tuned Refractive Index and Reduced Absorption Edge: Structural and Optical Studies. Materials, 2021, 14, 1570.	1.3	38
9	The effect of thermal radiation on singularities in the dark universe. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150113.	0.8	8
10	Axion Electrodynamics and the Axionic Casimir Effect. Universe, 2021, 7, 133.	0.9	9
11	Holographic cosmology with two coupled fluids in the presence of viscosity. International Journal of Geometric Methods in Modern Physics, 2021, 18, 2150149.	0.8	4
12	Self-preserving ice layers on CO₂ clathrate particles: Implications for Enceladus, Pluto, and similar ocean worlds. Astronomy and Astrophysics, 2021, 650, A54.	2.1	16
13	Viscous coupled fluids in terms of a log-corrected equation-of-state. International Journal of Geometric Methods in Modern Physics, 2021, 18, .	0.8	0
14	Thermodynamic aspects of entropic cosmology with viscosity. International Journal of Modern Physics D, 2021, 30, 2150008.	0.9	5
15	Dispersion of light traveling through the interstellar space, induced and intrinsic Lorentz invariance violation. European Physical Journal C, 2021, 81, 1.	1.4	6
16	Self-stress on a dielectric ball and Casimirâ€“Polder forces. Annals of Physics, 2020, 412, 168008.	1.0	7
17	Blending and Characteristics of Electrochemical Double-Layer Capacitor Device Assembled from Plasticized Proton Ion Conducting Chitosan:Dextran:NH4PF6 Polymer Electrolytes. Polymers, 2020, 12, 2103.	2.0	26
18	Compatible Solid Polymer Electrolyte Based on Methyl Cellulose for Energy Storage Application: Structural, Electrical, and Electrochemical Properties. Polymers, 2020, 12, 2257.	2.0	49

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19	Metal Complex as a Novel Approach to Enhance the Amorphous Phase and Improve the EDLC Performance of Plasticized Proton Conducting Chitosan-Based Polymer Electrolyte. Membranes, 2020, 10, 132.	1.4	46
20	Characteristics of Glycerolized Chitosan: NH4NO3-Based Polymer Electrolyte for Energy Storage Devices with Extremely High Specific Capacitance and Energy Density Over 1000 Cycles. Polymers, 2020, 12, 2718.	2.0	12
21	Remarks on Cosmological Bulk Viscosity in Different Epochs. Symmetry, 2020, 12, 1085.	1.1	12
22	Classical and quantal aspects of Minkowski's four-momentum in analog gravity. Physical Review A, 2020, 102, .	1.0	2
23	The Study of Structural, Impedance and Energy Storage Behavior of Plasticized PVA:MC Based Proton Conducting Polymer Blend Electrolytes. Materials, 2020, 13, 5030.	1.3	10
24	Rip brane cosmology from a viscous holographic dark fluid. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050087.	0.8	4
25	A New Version of the Hermiteâ€“Hadamard Inequality for Riemannâ€“Liouville Fractional Integrals. Symmetry, 2020, 12, 610.	1.1	60
26	Full-Spectrum High-Resolution Modeling of the Dielectric Function of Water. Journal of Physical Chemistry B, 2020, 124, 3103-3113.	1.2	35
27	Nontrivial retardation effects in dispersion forces: From anomalous distance dependence to novel traps. Physical Review B, 2020, 101, .	1.1	5
28	Viscous fluid holographic bounce. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050023.	0.8	23
29	Structural, Impedance and Electrochemical Characteristics of Electrical Double Layer Capacitor Devices Based on Chitosan: Dextran Biopolymer Blend Electrolytes. Polymers, 2020, 12, 1411.	2.0	33
30	Casimir force between ideal metal plates in a chiral vacuum. European Physical Journal Plus, 2020, 135, 1.	1.2	6
31	Premelting of ice adsorbed on a rock surface. Physical Chemistry Chemical Physics, 2020, 22, 11362-11373.	1.3	19
32	The Casimir effect for fermionic currents in conical rings with applications to graphene ribbons. European Physical Journal C, 2020, 80, 1.	1.4	8
33	Reply to â€œComment on â€˜Analysis of recent interpretations of the Abraham-Minkowski problemâ€™â€‰â€. Physical Review A, 2019, 100, .	1.0	3
34	Remarks on the Abrahamâ€“Minkowski problem, in relation to recent radiation pressure experiments. International Journal of Modern Physics A, 2019, 34, 1941003.	0.5	2
35	Effect of excess charge carriers and fluid medium on the magnitude and sign of the Casimir-Lifshitz torque. Physical Review B, 2019, 100, .	1.1	4
36	Gravitational waves in the presence of viscosity. International Journal of Modern Physics D, 2019, 28, 1950133.	0.9	12

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37	Spacelike character of the Minkowski four-momentum in analog gravity. Physical Review A, 2019, 100, .	1.0	3
38	Black holes in the turbulence phase of viscous rip cosmology. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950030.	0.8	21
39	Impact of effective polarisability models on the near-field interaction of dissolved greenhouse gases at ice and air interfaces. Physical Chemistry Chemical Physics, 2019, 21, 21296-21304.	1.3	7
40	Dispersion Forces Stabilize Ice Coatings at Certain Gas Hydrate Interfaces That Prevent Water Wetting. ACS Earth and Space Chemistry, 2019, 3, 1014-1022.	1.2	11
41	Casimir friction between a magnetic and a dielectric material in the nonretarded limit. Physical Review A, 2019, 99, .	1.0	3
42	Trapping of Gas Bubbles in Water at a Finite Distance below a Waterâ€“Solid Interface. Langmuir, 2019, 35, 4218-4223.	1.6	5
43	Casimir Physics and Applications. Symmetry, 2019, 11, 201.	1.1	4
44	Casimir Energy of an Open String with Angle-Dependent Boundary Conditions. Journal of Experimental and Theoretical Physics, 2019, 129, 831-837.	0.2	0
45	Viscous accelerating universe with nonlinear and logarithmic equation of state fluid. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950150.	0.8	4
46	Role of zero point energy in promoting ice formation in a spherical drop of water. Physical Review Research, 2019, 1, .	1.3	7
47	Distance-Dependent Sign Reversal in the Casimir-Lifshitz Torque. Physical Review Letters, 2018, 120, 131601.	2.9	21
48	Fluid-sensitive nanoscale switching with quantum levitation controlled by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math> -Sn/ <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> -Sn phase transition. Physical Review B, 2018, 97, .	1.1	12
49	Radiation forces and the Abrahamâ€“Minkowski problem. Modern Physics Letters A, 2018, 33, 1830006.	0.5	21
50	Casimir force for magnetodielectric media. Physical Review A, 2018, 98, .	1.0	7
51	Analysis of recent interpretations of the Abraham-Minkowski problem. Physical Review A, 2018, 98, .	1.0	22
52	On the Symmetry of the Electromagnetic Energy-Momentum Tensor in Media. Proceedings (mdpi), 2018, 2, 26.	0.2	0
53	Introductionâ€“Symmetry 2017. Proceedings (mdpi), 2018, 2, .	0.2	0
54	Casimir Energies for Isorefractive or Diaphanous Balls. Symmetry, 2018, 10, 68.	1.1	4

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55	Inflation in terms of a viscous van der Waals coupled fluid. International Journal of Geometric Methods in Modern Physics, 2018, 15, 1850150.	0.8	19
56	Repulsive Casimir force. Physical Review A, 2018, 98, .	1.0	16
57	Ice Particles Sink below the Water Surface Due to a Balance of Salt, van der Waals, and Buoyancy Forces. Journal of Physical Chemistry C, 2018, 122, 15311-15317.	1.5	18
58	Minkowski momentum resulting from a vacuumâ€“medium mapping procedure, and a brief review of Minkowski momentum experiments. Annals of Physics, 2017, 377, 10-21.	1.0	18
59	Characteristic properties of two different viscous cosmology models for the future universe. Modern Physics Letters A, 2017, 32, 1750026.	0.5	39
60	Dissipative universe-inflation with soft singularity. International Journal of Geometric Methods in Modern Physics, 2017, 14, 1750061.	0.8	19
61	Inflationary universe with a viscous fluid avoiding selfâ€reproduction. Annalen Der Physik, 2017, 529, 1600195.	0.9	13
62	Inflationary universe in terms of a van der Waals viscous fluid. International Journal of Geometric Methods in Modern Physics, 2017, 14, 1750185.	0.8	45
63	Lifshitz interaction can promote ice growth at water-silica interfaces. Physical Review B, 2017, 95, .	1.1	10
64	Viscous cosmology for early- and late-time universe. International Journal of Modern Physics D, 2017, 26, 1730024.	0.9	158
65	Casimirâ€“Polder energy for axially symmetric systems. Annals of Physics, 2017, 387, 166-202.	1.0	5
66	Casimir energy of Sierpinski triangles. Physical Review D, 2017, 96, .	1.6	1
67	Electromagnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î´</mml:mi></mml:math> -function sphere. Physical Review D, 2017, 96, .	1.6	15
68	Entropy production in a lepton-photon universe. Astrophysics and Space Science, 2017, 362, 1.	0.5	4
69	Casimir force and its relation to surface tension. Physical Review A, 2017, 95, .	1.0	6
70	Effective Polarizability Models. Journal of Physical Chemistry A, 2017, 121, 9742-9751.	1.1	33
71	The Reality of Casimir Friction. Symmetry, 2016, 8, 29.	1.1	43
72	General Bulk-Viscous Solutions and Estimates of Bulk Viscosity in the Cosmic Fluid. Entropy, 2016, 18, 215.	1.1	39

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73	Viscous coupled fluids in inflationary cosmology. Journal of Experimental and Theoretical Physics, 2016, 122, 679-684.	0.2	16
74	The influence of Lifshitz forces and gas on premelting of ice within porous materials. Europhysics Letters, 2016, 115, 13001.	0.7	7
75	Temperature variation in the dark cosmic fluid in the late universe. Modern Physics Letters A, 2016, 31, 1650050.	0.5	22
76	Presence of negative entropies in Casimir interactions. Physical Review A, 2016, 94, .	1.0	5
77	Casimir energies of self-similar plate configurations. Physical Review D, 2016, 94, .	1.6	6
78	Casimir force between a half-space and a plate of finite thickness. Physical Review A, 2016, 93, .	1.0	3
79	Inflationary cosmology leading to a soft type singularity. Modern Physics Letters A, 2016, 31, 1650105.	0.5	3
80	Anisotropic contribution to the van der Waals and the Casimir-Polder energies for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>CO</mml:mtext><mml:mn>2</mml:mn></mml:msub> xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>CH</mml:mtext><mml:mn>4</mml:mn></mml:msub> near surfaces and thin films. Physical Review A, 2015, 92, .	1.0	13
81	Inhomogeneous Dark Fluid and Dark Matter, Leading to a Bounce Cosmology. Universe, 2015, 1, 24-37.	0.9	10
82	Viscosity-Induced Crossing of the Phantom Barrier. Entropy, 2015, 17, 6318-6328.	1.1	25
83	Cosmological models coupled with dark matter in a dissipative universe. Astrophysics and Space Science, 2015, 359, 1.	0.5	13
84	Three-body effects in Casimir-Polder repulsion. Physical Review A, 2015, 91, .	1.0	11
85	Casimir friction: relative motion more generally. Journal of Physics Condensed Matter, 2015, 27, 214008.	0.7	7
86	Dark energy coupled with dark matter in viscous fluid cosmology. Astrophysics and Space Science, 2015, 355, 399-403.	0.5	38
87	Brane viscous cosmology in the plasma era. Astrophysics and Space Science, 2015, 355, 179-185.	0.5	2
88	Casimir forces in a plasma: possible connections to Yukawa potentials. European Physical Journal D, 2014, 68, 1.	0.6	10
89	Explanation for the transverse radiation force observed on a vertically hanging fiber. Physical Review A, 2014, 89, .	1.0	7
90	Bounce universe induced by an inhomogeneous dark fluid coupled with dark matter. Modern Physics Letters A, 2014, 29, 1450078.	0.5	19

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91	Temperature dependence of the Casimir force. European Journal of Physics, 2014, 35, 015012.	0.3	24
92	Nonperturbative theory for the dispersion self-energy of atoms. Physical Review A, 2014, 90, .	1.0	2
93	Casimir friction at zero and finite temperatures. European Physical Journal D, 2014, 68, 1.	0.6	29
94	Casimir quantum levitation tuned by means of material properties and geometries. Physical Review B, 2014, 89, .	1.1	29
95	Rip brane cosmology from 4d inhomogeneous dark fluid universe. Astrophysics and Space Science, 2013, 346, 267-271.	0.5	12
96	Universe models with negative bulk viscosity. Astrophysics and Space Science, 2013, 347, 399-404.	0.5	26
97	LITTLE RIP AND PSEUDO RIP PHENOMENA FROM COUPLED DARK ENERGY. Modern Physics Letters A, 2013, 28, 1350172.	0.5	11
98	Possible sorting mechanism for microparticles in an evanescent field. Physical Review A, 2013, 87, .	1.0	45
99	Turbulence accelerating cosmology from an inhomogeneous dark fluid. Astrophysics and Space Science, 2013, 347, 203-208.	0.5	8
100	Quasi-Rip and Pseudo-Rip universes induced by the fluid inhomogeneous equation of state. Astrophysics and Space Science, 2013, 344, 275-279.	0.5	9
101	Casimir Friction between Dense Polarizable Media. Entropy, 2013, 15, 3045-3064.	1.1	21
102	Theoretical considerations of laser-induced liquidâ€“liquid interface deformation. Physica Scripta, 2013, 87, 055402.	1.2	6
103	Viscosity-induced crossing of the phantom divide in the dark cosmic fluid. Frontiers in Physics, 2013, 1, .	1.0	11
104	Viscosity in Modified Gravity. Entropy, 2012, 14, 2302-2310.	1.1	10
105	Casimir theory of the relativistic composite string revisited, and a formally related problem in scalar QFT. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 374003.	0.7	8
106	Electrostrictive counterforce on fluid microdroplet in short laser pulse. Optics Letters, 2012, 37, 1928.	1.7	9
107	Ultrathin metallic coatings can induce quantum levitation between nanosurfaces. Applied Physics Letters, 2012, 100, 253104.	1.5	11
108	Detection of the Abraham force with a succession of short optical pulses. Physical Review A, 2012, 86, .	1.0	18

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109	Enlarged molecules from excited atoms in nanochannels. Physical Review A, 2012, 86, .	1.0	4
110	Retardation turns the van der Waals attraction into a Casimir repulsion as close as 3 nm. Physical Review A, 2012, 85, .	1.0	31
111	REPULSIVE CASIMIR EFFECTS. International Journal of Modern Physics A, 2012, 27, 1260014.	0.5	6
112	LITTLE RIP COSMOLOGICAL MODELS WITH TIME-DEPENDENT EQUATION OF STATE. Modern Physics Letters A, 2012, 27, 1250210.	0.5	16
113	CASIMIR FRICTION FORCE FOR MOVING HARMONIC OSCILLATORS. International Journal of Modern Physics A, 2012, 27, 1260011.	0.5	6
114	Repulsive Casimir and Casimirâ€“Polder forces. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 374006.	0.7	39
115	Thermal issues in Casimir forces between conductors and semiconductors. Physica Scripta, 2012, T151, 014070.	1.2	9
116	CASIMIR FRICTION FORCE FOR MOVING HARMONIC OSCILLATORS. International Journal of Modern Physics Conference Series, 2012, 14, 141-154.	0.7	2
117	Sign of the Casimir-Polder interaction between atoms and oil-water interfaces: Subtle dependence on dielectric properties. Physical Review A, 2012, 85, .	1.0	6
118	Casimir-Polder repulsion: Polarizable atoms, cylinders, spheres, and ellipsoids. Physical Review D, 2012, 85, .	1.6	21
119	Casimir attractive-repulsive transition in MEMS. European Physical Journal B, 2012, 85, 1.	0.6	14
120	Turbulence and little rip cosmology. Physical Review D, 2012, 86, .	1.6	46
121	Static and dynamic response of a fluidâ€“fluid interface to electric point and line charge. Annals of Physics, 2012, 327, 2899-2913.	1.0	5
122	Reply to Comment on â€œElectromagnetic momentum conservation in mediaâ€ by I. Brevik and S. Ã.... Ellingsen, Ann. Physics, 326 (2011) 754. Annals of Physics, 2012, 327, 1214-1216.	1.0	2
123	Casimir friction force between polarizable media. European Physical Journal D, 2012, 66, 1.	0.6	9
124	Viscous little rip cosmology. Physical Review D, 2011, 84, .	1.6	196
125	Casimir-Polder repulsion near edges: Wedge apex and a screen with an aperture. Physical Review A, 2011, 83, .	1.0	32
126	Electrostrictive fluid pressure from a laser beam. Physics of Fluids, 2011, 23, .	1.6	24

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127	On isotropic turbulence in the dark fluid universe. European Physical Journal C, 2011, 71, 1.	1.4	11
128	Casimir friction force and energy dissipation for moving harmonic oscillators. II. European Physical Journal D, 2011, 61, 335-339.	0.6	11
129	Casimir friction in terms of moving harmonic oscillators: equivalence between two different formulations. European Physical Journal D, 2011, 64, 1-3.	0.6	12
130	Electromagnetic momentum conservation in media. Annals of Physics, 2011, 326, 754-769.	1.0	10
131	Multiple Scattering: Dispersion, Temperature Dependence, and Annular Pistons. Springer Proceedings in Physics, 2011, , 99-113.	0.1	1
132	Casimir Effect for the Piecewise Uniform String. Springer Proceedings in Physics, 2011, , 57-66.	0.1	1
133	Cardyâ€“Verlinde formula in FRW Universe with inhomogeneous generalized fluid and dynamical entropy bounds near the future singularity. European Physical Journal C, 2010, 69, 563-574.	1.4	48
134	Possibility of measuring the Abraham force using whispering gallery modes. Physical Review A, 2010, 81, .	1.0	14
135	Casimir energy, dispersion, and the Lifshitz formula. Physical Review D, 2010, 81, .	1.6	14
136	Casimir effects near the big rip singularity in viscous cosmology. General Relativity and Gravitation, 2010, 42, 1513-1522.	0.7	35
137	Transverse radiation force in a tailored optical fiber. Physical Review A, 2010, 81, .	1.0	27
138	Finite-temperature Casimir effect in Randallâ€“Sundrum models. New Journal of Physics, 2010, 12, 013022.	1.2	24
139	Casimir friction force and energy dissipation for moving harmonic oscillators. Europhysics Letters, 2010, 91, 60003.	0.7	27
140	Finite temperature Casimir effect and dispersion in the presence of compactified extra dimensions. Physica Scripta, 2010, 82, 035101.	1.2	8
141	Casimir effect at nonzero temperature for wedges and cylinders. Physical Review D, 2010, 81, .	1.6	7
142	ELECTROMAGNETIC CASIMIR EFFECT IN WEDGE GEOMETRY AND THE ENERGY-MOMENTUM TENSOR IN MEDIA. International Journal of Modern Physics A, 2010, 25, 2270-2278.	0.5	6
143	ELECTROMAGNETIC CASIMIR EFFECT IN WEDGE GEOMETRY AND THE ENERGY-MOMENTUM TENSOR IN MEDIA. , 2010, , .		0
144	Electrodynamic Casimir effect in a medium-filled wedge. Physical Review E, 2009, 79, 041120.	0.8	12

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145	Electrodynamic Casimir effect in a medium-filled wedge. II. Physical Review E, 2009, 80, 021125.	0.8	13
146	Comment on â€œCasimir force acting on magnetodielectric bodies embedded in mediaâ€• Physical Review A, 2009, 79, .	1.0	14
147	Comment on â€œObservation of a Push Force on the End Face of a Nanometer Silica Filament Exerted by Outgoing Lightâ€• Physical Review Letters, 2009, 103, 219301; author reply 219302.	2.9	40
148	Viscous dark cosmology with account of quantum effects. European Physical Journal C, 2008, 56, 425-428.	1.4	62
149	Viscous modified gravity on a RS brane embedded in AdS5. European Physical Journal C, 2008, 56, 579-583.	1.4	12
150	Two-fluid viscous modified gravity on an RS brane. Gravitation and Cosmology, 2008, 14, 332-335.	0.3	8
151	Analytical and numerical demonstration of how the Drude dispersive model satisfies Nernst's theorem for the Casimir entropy. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 164017.	0.7	23
152	Nonlinear laser-induced deformations of liquid-liquid interfaces: An optical fiber model. Physical Review E, 2008, 78, 066314.	0.8	6
153	Casimir energies: Temperature dependence, dispersion, and anomalies. Physical Review E, 2008, 78, 011124.	0.8	13
154	ENTROPY BOUND FOR THE TM ELECTROMAGNETIC FIELD IN THE HALF-EINSTEIN UNIVERSE. International Journal of Modern Physics D, 2007, 16, 1273-1284.	0.9	3
155	SHEAR VISCOSITY OF YANGâ€“MILLS THEORY IN THE CONFINEMENT PHASE. International Journal of Modern Physics D, 2007, 16, 1249-1260.	0.9	1
156	VANISHING COSMOLOGICAL CONSTANT IN MODIFIED GAUSSâ€“BONNET GRAVITY WITH CONFORMAL ANOMALY. International Journal of Modern Physics D, 2007, 16, 817-825.	0.9	15
157	Evaluation of the Casimir force for a dielectricâ€“diamagnetic cylinder with light velocity conservation condition and the analogue of Sellmeir's dispersion law. Physica Scripta, 2007, 76, 48-55.	1.2	8
158	Casimir force on real materialsâ€”the slab and cavity geometry. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 3643-3664.	0.7	24
159	Feigel effect: Extraction of momentum from vacuum?. Physical Review E, 2007, 76, 066605.	0.8	16
160	Analytical and numerical verification of the Nernst theorem for metals. Physical Review E, 2007, 75, 051127.	0.8	89
161	Different viewpoints of the Casimir effect. Physics Today, 2007, 60, 8-8.	0.3	5
162	Dark energy fluid with time-dependent, inhomogeneous equation of state. European Physical Journal C, 2007, 51, 179-183.	1.4	26

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163	A FRW dark fluid with a non-linear inhomogeneous equation of state. European Physical Journal C, 2007, 52, 223-228.	1.4	32
164	Viscous brane cosmology with a brane-bulk energy interchange term. General Relativity and Gravitation, 2006, 38, 907-915.	0.7	26
165	Crossing of the w Â=Â Ââ˜Â1 Barrier in Two-fluid Viscous Modified Gravity. General Relativity and Gravitation, 2006, 38, 1317-1328.	0.7	30
166	What is the temperature dependence of the Casimir effect?. Journal of Physics A, 2006, 39, 6031-6038.	1.6	71
167	Temperature dependence of the Casimir effect. Journal of Physics A, 2006, 39, 6187-6193.	1.6	16
168	Thermal corrections to the Casimir effect. New Journal of Physics, 2006, 8, 236-236.	1.2	110
169	CROSSING OF THE w = -1 BARRIER IN VISCOUS MODIFIED GRAVITY. International Journal of Modern Physics D, 2006, 15, 767-775.	0.9	47
170	Dark energy and viscous cosmology. General Relativity and Gravitation, 2005, 37, 2039-2045.	0.7	217
171	Calculation of the Casimir force between similar and dissimilar metal plates at finite temperature. Journal of Physics A, 2005, 38, 9575-9588.	1.6	10
172	Nonlinear deformations of liquid-liquid interfaces induced by electromagnetic radiation pressure. Physical Review E, 2005, 71, 056601.	0.8	18
173	Temperature dependence of the Casimir effect. Physical Review E, 2005, 71, 056101.	0.8	136
174	VISCOUS FRW COSMOLOGY IN MODIFIED GRAVITY. International Journal of Modern Physics D, 2005, 14, 1899-1906.	0.9	67
175	Randall-Sundrum model in the presence of a brane bulk viscosity. Physical Review D, 2004, 69, .	1.6	31
176	Letter: Inflationary Dilatonic de Sitter Universe from Super Yang-Mills Theory Perturbed by Scalars and Spinors. General Relativity and Gravitation, 2004, 36, 1433-1440.	0.7	0
177	Two-Brane Randall-Sundrum Model in AdS5and dS5. General Relativity and Gravitation, 2004, 36, 2021-2038.	0.7	6
178	Entropy and universality of the Cardy-Verlinde formula in a dark energy universe. Physical Review D, 2004, 70, .	1.6	192
179	Cosmic evolution and primordial black hole evaporation. Physical Review D, 2003, 67, .	1.6	3
180	Does the transverse electric zero mode contribute to the Casimir effect for a metal?. Physical Review E, 2003, 67, 056116.	0.8	144

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181	Viscous Cosmology and the Cardy-Verlinde Formula. International Journal of Modern Physics A, 2003, 18, 2145-2152.	0.5	5
182	Cardy-Verlinde entropy formula in the presence of a general cosmological state equation. Physical Review D, 2002, 65, .	1.6	33
183	Casimir problem of spherical dielectrics: Numerical evaluation for general permittivities. Physical Review E, 2002, 66, 026119.	0.8	63
184	Cardy-Verlinde entropy formula in viscous cosmology. Physical Review D, 2002, 65, .	1.6	78
185	CASIMIR PROBLEM IN SPHERICAL DIELECTRICS: A QUANTUM STATISTICAL MECHANICAL APPROACH. International Journal of Modern Physics A, 2002, 17, 776-785.	0.5	7
186	Localization of gravity on a brane embedded inAdS5anddS5. Physical Review D, 2002, 66, .	1.6	34
187	Casimir Effect for a Dielectric Wedge. Annals of Physics, 2001, 291, 267-275.	1.0	14
188	The Scalar Field Equation in Schwarzschildâ€“de Sitter Space. General Relativity and Gravitation, 2001, 33, 1839-1861.	0.7	21
189	Casimir problem of spherical dielectrics: Quantum statistical and field theoretical approaches. Physical Review E, 2001, 63, 051101.	0.8	34
190	Comment on â€œCasimir energy for spherical boundariesâ€• Physical Review D, 2001, 64, .	1.6	13
191	DYNAMIC, VISCOUS, SELF-SCREENING HAWKING ATMOSPHERE. , 2001, , .		0
192	The Casimir Problem of Spherical Dielectrics: A Solution in Terms of Quantum Statistical Mechanics. Journal of Statistical Physics, 2000, 100, 223-232.	0.5	16
193	Can a Kasner universe with a viscous cosmological fluid be anisotropic?. Physical Review D, 2000, 61, .	1.6	14
194	Dynamical Casimir effect and quantum cosmology. Physical Review D, 2000, 62, .	1.6	32
195	Energy production in the formation of a finite thickness cosmic string. Physical Review D, 2000, 61, .	1.6	2
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